

Python: module cdms.bindex

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[index](#)

Bin index for non-rectilinear grids

Modules

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Functions

bindexHorizontalGrid(latlin, lonlin)

Create a bin index for a horizontal grid.

'latlin' is the raveled latitude values.

'lonlin' is the raveled longitude values.

Returns the index.

intersectHorizontalGrid(latspecs, lonspecs, latlin, lonlin, index)

Intersect a horizontal grid with a lat-lon region.

'latspecs' and 'lonspecs' are the latitude/longitude specs
as defined in the grid module.

'latlin' and 'lonlin' are the raveled latitude/longitude arrays.

'index' is the bin index as returned from bindex.

Returns an array of indices, in latlin/lonlin, of the points in
the intersection.